

**IPEC Gunnuk Creek Hydro Rehab in Kake**

**FY2019 Request: \$3,920,000**  
**Reference No: 61907**

**AP/AL:** Allocation **Project Type:** Energy  
**Category:** Development  
**Location:** Kake **House District:** Sitka/Petersburg (HD 35)  
**Impact House District:** Sitka/Petersburg (HD 35) **Contact:** John Springsteen  
**Estimated Project Dates:** 07/01/2018 - 06/30/2023 **Contact Phone:** (907)771-3000  
**Appropriation:** Alaska Energy Authority - Round IX Renewable Energy Project Grants (AS 42.45.045)

**Brief Summary and Statement of Need:**

The Inside Passage Electric Cooperative will expand and rehabilitate the existing 7kW hydroelectric project that makes use of the existing water supply dam and hatchery facilities at Gunnuk Creek in Kake, Alaska. Costs and construction risks are minimized because the dam and intake facility have already been constructed, and no new transmission lines or access roads are required. Construction of a 500 kW hydroelectric addition will be capable of producing 1,600 MWh and displacing more than 120,000 gallons of fuel annually (55% of existing diesel generation).

| <b>Funding:</b> | <u>FY2019</u> | <u>FY2020</u> | <u>FY2021</u> | <u>FY2022</u> | <u>FY2023</u> | <u>FY2024</u> | <u>Total</u> |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| 1210 Renew Ener | \$3,920,000   |               |               |               |               |               | \$3,920,000  |
| <b>Total:</b>   | \$3,920,000   | \$0           | \$0           | \$0           | \$0           | \$0           | \$3,920,000  |

|   |  |                                       |   |                                   |
|---|--|---------------------------------------|---|-----------------------------------|
| <input type="checkbox"/> State Match Required | <input checked="" type="checkbox"/> One-Time Project | <input type="checkbox"/> Phased - new | <input type="checkbox"/> Phased - underway  | <input type="checkbox"/> On-Going |
| 0% = Minimum State Match % Required           |  | <input type="checkbox"/> Amendment    | <input type="checkbox"/> Mental Health Bill |                                   |

**Operating & Maintenance Costs:**

|                      | <u>Amount</u> | <u>Staff</u> |
|----------------------|---------------|--------------|
| Project Development: | 0             | 0            |
| Ongoing Operating:   | 0             | 0            |
| One-Time Startup:    | 0             | 0            |
| <b>Totals:</b>       | <b>0</b>      | <b>0</b>     |

**Prior Funding History / Additional Information:**